

Lahontan Water Board Climate Change Mitigation & Adaptation Strategy

Water Quality Coordinating Committee
Sacramento, CA
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Regional Board Member
Lahontan Regional Water Quality Control Board



Lahontan Region 6

Lahontan Region

- 33,000 sq. mi.
- 600 mi. long
- Highest & lowest points in contiguous U.S.
- Water drains to inland sinks or surface waters
- Snowpack east of Sierra Nevada crest
- Supplies 1/3 of LA's water
- Precipitation averages between 2.4 and 55 inches per year
- 700 lakes & 3,000 mi of streams
- 1,581 sq. mi. of ground water basins
- Lake Tahoe & Mono Lake: Outstanding National Resource Waters



Four Years of Stakeholder Involvement

2014/2015

**Science Workshops/
Brainstorming**
So. Lake Tahoe, Barstow
100 participants

2016

Online Survey
175 respondents

2017

Outreach Meetings
Truckee, Bishop, Apple Valley
52 participants

- **Lyris List**
170 subscribers

- **Public
Website**

Discussions at Regional or State Board Public Hearings

May 2015

July
2015

Nov
2016

Jan 2017

May
2017

Nov
2017

April
2018

May
2018

Public's Top Priorities

- Increase storm water treatment & infiltration
- Protect headwaters
- Protect recharge areas & floodplains
- Reduce nitrogen loading
- Coordinate monitoring

Aligning with State Board Resolution 2017-0012

Mitigation –

Reduce Green House Gas Emissions



Adaptation –

Improve Ecosystem Resilience



Adaptation –

Respond to Climate Change Impacts

Aligning with State Board Resolution 2017-0012

Mitigation – Reduce Greenhouse Gas Emissions



Dairy & Concentrated Animal Feeding Operation –General Permit



Promote Stormwater Capture & Infiltration

Cleanup and Abatement Orders

Aligning with State Board Resolution 2017-0012

Adaptation – Improve Ecosystem Resilience

Federal Lands General Permit



Streamline Permitting for Restoration Projects



Improve range management on public & private lands



Renew Timber Waiver



Mojave groundwater objective standards



Aligning with State Board Resolution 2017-0012

Adaptation – Respond to Climate Change Impacts



Risk Assessment & Adaptation Plans for vulnerable infrastructure

Harmful Algal Bloom Response & Monitoring



Lake Tahoe Nearshore Protection Plan – Investigating Climate Change Influence

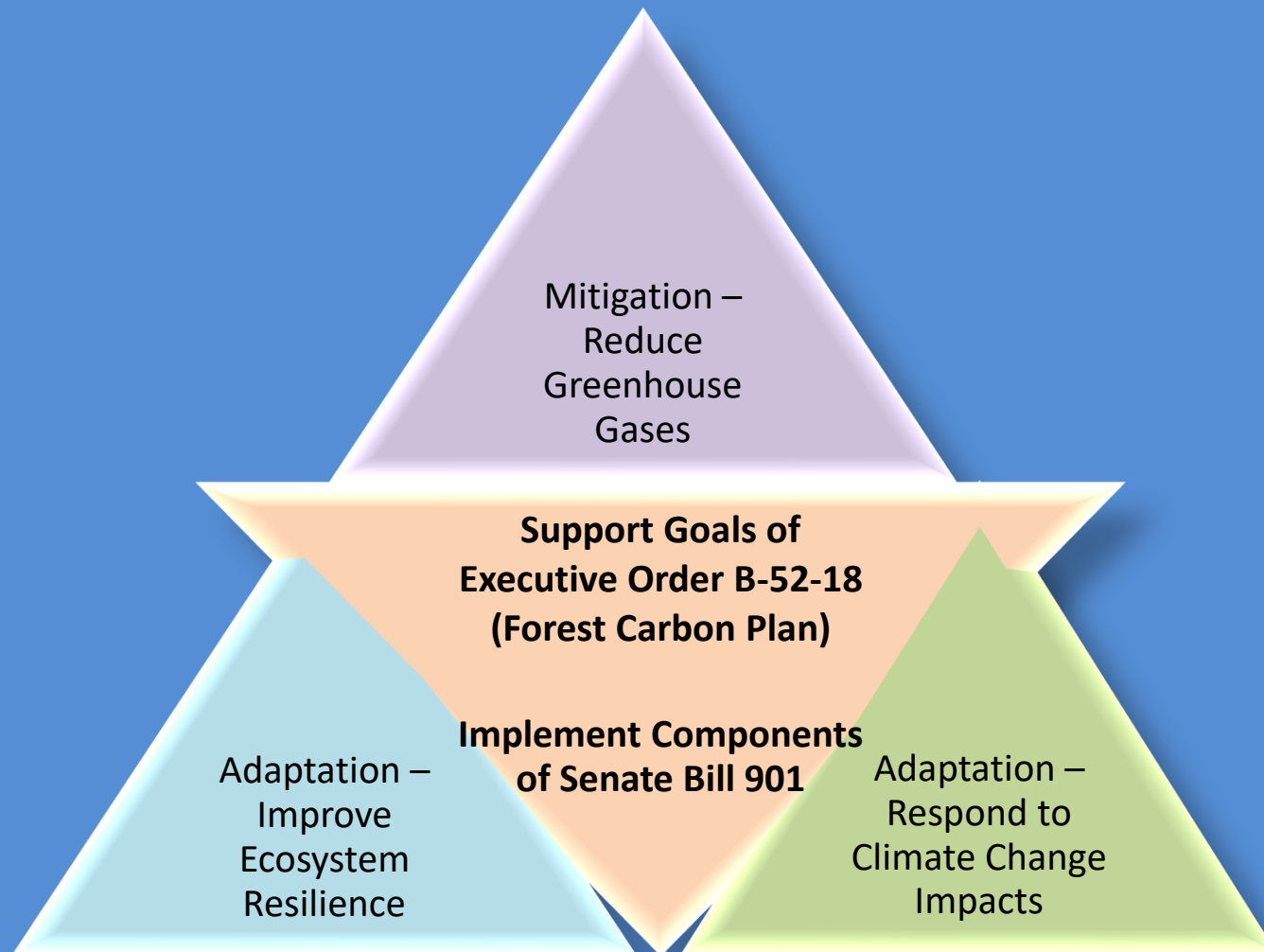


Soil Disturbance Prohibition Period

Lake Tahoe West Forest Restoration Partnership



Aligning with State Board Resolution 2017-0012



Implementing Components of Senate Bill 901





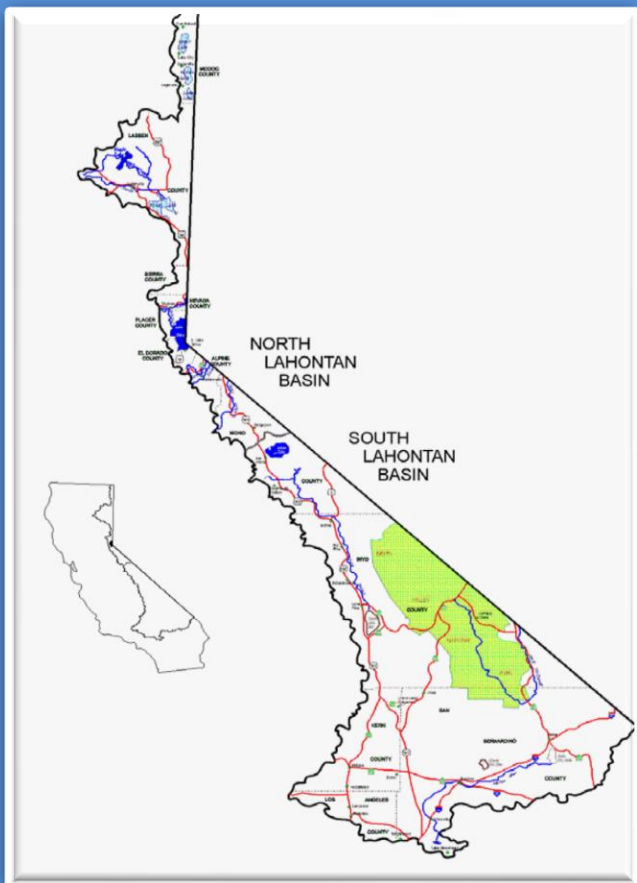
Key Considerations

Engage with stakeholders & regulated community to align Lahontan Climate Change Strategy with other efforts

Shift annual resources/workplans to reflect new priorities (e.g., protect infrastructure, streamline restoration projects)

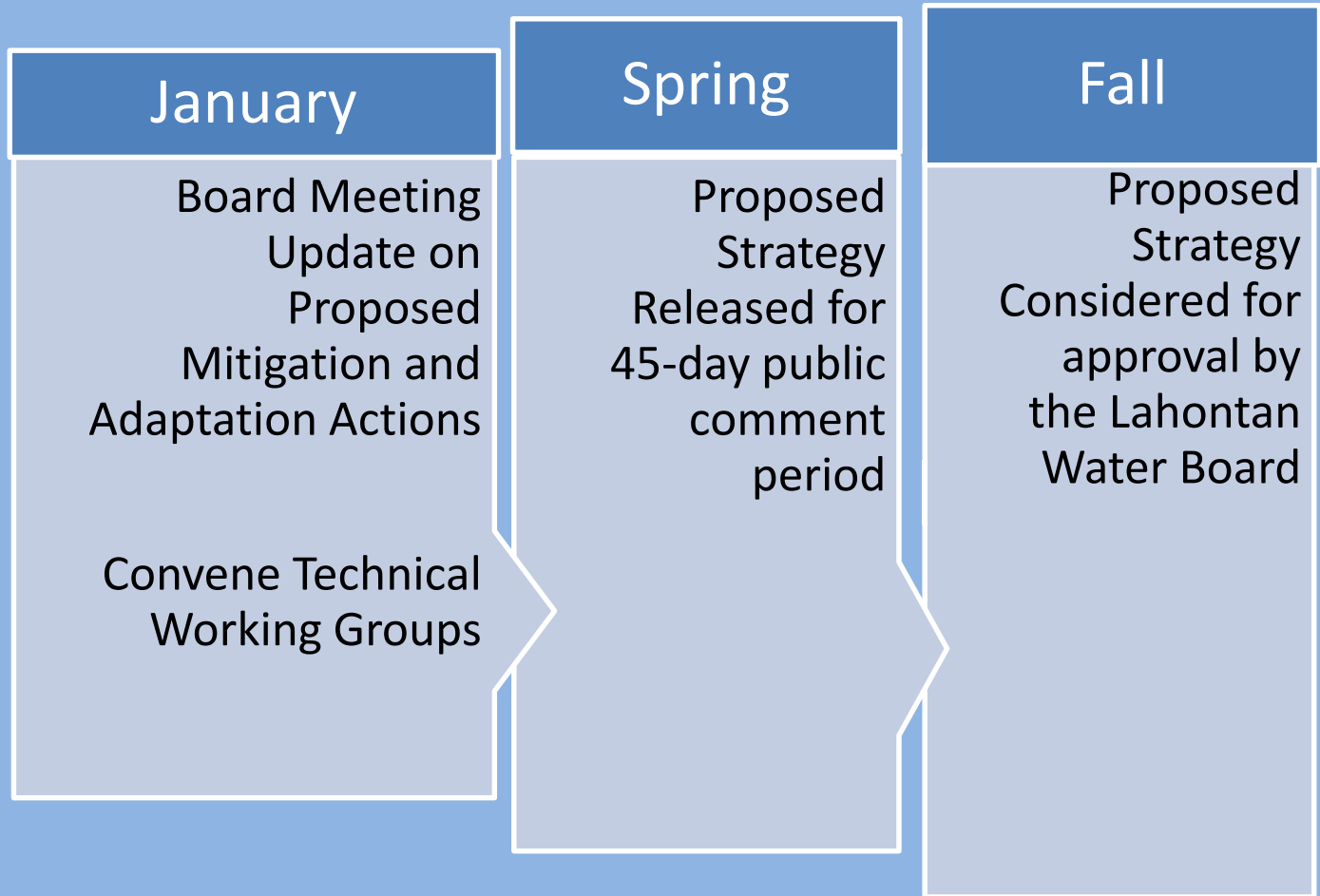
Acknowledge climate change strategy will require new thinking, innovative solutions & adaptive management

Work with State Board to identify policies, regulations, & funding that help implement strategy



Moving Forward in 2019

Climate Change Strategy Development





Questions